THE UNITED STATES PATENT AND TRADEMARK OFFIC

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GROUP 2500

In re application of: John B. Fenn, et

Serial No.:

07/911,405

PATENT

Filed:

July 10, 1992

Docket: Orig. Attny:

840.004

Pres. Attny:

JBF.MCI

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

30 June 199元

SIR:

## PROPOSED AMENDMENT

In accordance with his understanding of Rule 1.115 Applicant respectfully submits the following amendment to the subject application which has been reinstated after having been ruled abandoned. A petition for revival was granted on the grounds that the abandonment was unintentional. For reasons to be presented Applicant now respectfully requests addition of the following new claims:

Claim 200 (new). A composition of matter comprising a population of multiply charged polyatomic ions all of which are derived from a distinct polyatomic parent molecular species, all molecules of said distinct polyatomic parent molecular species having substantially the same molecular weight and chemical identity, the number of charges on each ion in said population defining that ion's charge state,

said population of multiply charged polyatomic ions comprising a plurality of sub-populations, all the ions of any one of said sub-populations having the same charge state number, said same charge state number in any one of said sub-populations having

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